

What is Claimed Is:

1. A method to obtain alcohol from the leaves of the blue agave plant, which comprise the following steps:
 - a) reduce the size of the leaves from the blue agave plant;
 - b) add water to the leaves;
 - c) subject the water-leaf mixture to physical force to macerate the tissues and release sugars;
 - d) subject the sugars obtained from step 3 to alcohol fermentation and yeast microbial cell growth to produce alcohol.
2. A process according to claim 1 including the additional step of mixing the sugars obtained from the aqueous extract with sugars obtained from piñas in the production of tequila
3. A process according to claim 1, wherein in step a), the size of the leaves is reduced by chopping the leaves into small pieces.
4. A process according to claim 1, wherein sufficient water is added in step b) so that the ratio of chopped leaves to water ranges from about 2:1 to 4:1.
5. A process according to claim 1, wherein nutrients are added to the water.
6. A process according to claim 5, wherein the nutrients are selected from the group consisting of sucrose, ammonium sulfate, ammonium phosphate, magnesium sulfate, inulinase, and mixtures thereof.
7. A process according to claim 1, wherein maceration in step d) is carried out by adding yeast to the macerated mixture from step c), and the resulting mixture allowed to ferment for 1 to 5 days to produce ethanol.

1005873.120701